

# Jasmine Cooper

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## Education

### **Cognition and Cognitive Neuroscience, PhD (August 2021-Present)**

University of Michigan, Ann Arbor

### **Psychology, BA (September 2017-December 2020)**

California State Polytechnic University, Pomona  
GPA: 3.66, Magna Cum Laude

## Research Experience

### **Ronald E. McNair Scholars Program (August 2019-May 2020)**

Cal Poly Pomona

Title of Project: The Effects of Mental Fatigue on Working Memory

Responsibilities:

- Designed and piloted an independent Electroencephalography (EEG) experiment which involves the use of the Contralateral Delay Activity (CDA) as a neural correlate of visual working memory and the induction of mental fatigue in participants.
- Served as Primary Investigator
- Created a research proposal which included a literature review
- Submitted two approved IRB proposals
- Coded a visual working memory task through E-Prime
- Designed a survey through google forms
- Created a Power point presentation for multiple oral presentations

Supervisor: Robert Blumenfeld, PhD

### **Brain Networks Lab (November 2018-May 2021)**

Cal Poly Pomona

Various Projects

Responsibilities:

- Read and analyzed academic papers about neural correlates of memory
- Served as Research Assistant for projects of fellow members of the lab
- Participated in trainings of using E-Prime

Supervisor: Robert Blumenfeld, PhD

### **EEG Lab (April 2019-March 2020)**

Cal Poly Pomona

Various Projects

Responsibilities:

- Participated in bi-weekly trainings of using the EEG
- Assisted EEG projects as needed by prepping materials including EEG cap and gel

Supervisor: Robert Blumenfeld, PhD

## Presentations

Cooper, J., & Blumenfeld, R. (2020). *The Effects of Mental Fatigue on Working Memory*.

[Conference session]. Oral presentation conducted via zoom at the Annual Ronald E. McNair Scholar Undergraduate Research Symposium.

Cooper, J. & Blumenfeld, R. (2020). *The Effects of Mental Fatigue on Working Memory*.

[Conference session] 11<sup>th</sup> Annual Lowell Overton Undergraduate Research Symposium, Pomona, CA, United States

<https://www.cpp.edu/class/psychology/announcements-and-events/lowello.pdf>

(Conference Canceled)

Cooper, J. & Blumenfeld, R. (2020). *The Effects of Mental Fatigue on Working Memory*.

[Conference session] 8<sup>th</sup> Annual Research, Scholarship & Creative Activities Conference Pomona, CA, United States

<https://www.cpp.edu/cppsrc/past-conferences/2020/program/oral-pres.shtml>

Cooper, J. & Blumenfeld, R. (2021). *Mental Fatigue during the COVID-19 Pandemic*

[Conference session] 12<sup>th</sup> Annual Lowell Overton Undergraduate Research Symposium, Pomona, CA, United States

[https://www.cpp.edu/class/psychology/lowel\\_o\\_sched.pdf](https://www.cpp.edu/class/psychology/lowel_o_sched.pdf)

## Honors and Awards

### President's List (Spring 2020)

Achieved by earning a 3.5 GPA or higher for two consecutive semesters

### Dean's List (Fall 2017, Fall 2018, Fall 2019, Spring 2020, Fall 2020)

Achieved by earning a 3.5 GPA or higher for a term

## Fellowships and Grants

### Rackham Merit Fellow (Fall 2021-present)

The Rackham Merit Fellowship is given to incoming students who have a record of superior academic achievement and are from underrepresented groups.

## Work Experience and Community Service

### Brain Awareness Week (November 2018-December 2020)

Cal Poly Pomona

Description: These annual events are held to promote information about neuroscience and brain health to sixth graders in Pomona Unified School District and students at Cal Poly Pomona.

Responsibilities:

- Attended weekly meetings with planning committee to discuss logistics and planning of two annual events
- Created informational pamphlets that described neuroscience related activities
- Assisted in coordinating interactive activities

## **Computer Skills**

**Platforms:** Microsoft Word, Microsoft Excel, Microsoft Publisher, SPSS, E-Prime, MATLAB

## **Languages**

**English:** Native Language

**Spanish:** Novice Listener, Intermediate Speaker, Intermediate Writer

## **Certificates**

**Ethics:** Certified in ethics for research as of November 2018

## **Interests**

### **Neuropsychology**

Interest in the brain and in neuropsychological disorders

### **Psychological Research**

Interest in researching cognition in a laboratory setting

### **Trauma/Abnormal Psychology**

Interest in how trauma and psychological disorders affect behavior and the brain